From 2016 to 2019 an audit was carried out annually, selecting a random sample of 30 patients and establishing an annual improvement plan according to the results.

**BACKGROUND**

Medication reconciliation (MR) before a scheduled surgical procedure (SSP) improves patient safety, but quality of this process must be taken into account. In our center, MR-protocol includes hospital pharmacists’ reports (RR) that encourage the process.

**AIM AND OBJECTIVES**

Evaluate the evolution of quality of pharmacists’ MR-reports after annual audits.

**MATERIALS AND METHODS**

1. Before a SSP, a pharmacist prepares a MR-report that contains an individualized MR proposal for surgeons to adapt their medication during hospitalization. MR proposals can be “maintain”, “suspend” “evaluate” or “replace for”.

2. Subsequently, another protocol was developed to evaluate the quality of the MR-report. Five relevant items were selected:
   - **Item 1**: % of reports with empty medication list
   - **Item 2**: % of reports with at least one item from column “medication” written by commercial name
   - **Item 3**: % of reports with at least one item from column “medication” empty
   - **Item 4**: % of reports with at least one item from column “dosing” empty
   - **Item 5**: % of reports with at least one item from column “reconciliation proposal” empty

   From 2016 to 2019 an audit was carried out annually, selecting a random sample of 30 patients and establishing an annual improvement plan according to the results.

**RESULTS**

<table>
<thead>
<tr>
<th>ÍTEM</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
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<td>10%</td>
<td>7%</td>
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<td>26%</td>
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<td>III</td>
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<td>V</td>
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</table>

*Results were considered optimal if items error were ≤10% and excellent if ≤5%*

**CONCLUSION**

After each improvement proposal introduced, especially the review of the RRs, an improvement in the quality of the RRs is observed over the years. After the last audit, all the indicators are at excellent levels of achievement.